BRUHATH BANGALORE MAHANAGARA PALIKE

Project Division Basavahalli

Comparative Statement

Name of work:-Improvement to Aravinkkattu Near Cambridge School Mallasandra ward No: 13 Shettyhalli Sub division

Estimate Amount:- 5000000

Job No :-013-18-000013

Work Order No :- BMP/EE/PD/ WO/0013/2017-18

Name of Agency:- M Lakkappa

Sl No	Description of Item	Unit	As per Estimate			As per Schedule-B			As per Execution upto 125 % @ Tender Rate			As per Execution above 125 % Execution year 2017-18 (2017-18 S.B)			Total		(Work Slip Amount) Excess	Savings
			Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
			4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
1	2	3																
1	5300 2.2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduit cables in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including shoring the bottom and sides of pits and trenches, clearing the excavated soil clear from edges of excavation with lead upto 50 m, after locating of shaft complete as per specifications specification No: PWS 2.1(b) 2	Cum	101.98	805.64	41387.1672	101.98	800.00	40792.0	127.48	800.00	50990.00	1.85	401.50	743.78	129.33	51733.78	10941.78	
2	Providing and laying in position plain cement concrete of M20 1:1.5:3 with ope cement @220kgs with 20 mm and down size graded granite metal coarse aggregate @0.80cum and fine aggregate @0.42 cum machine mixed in layers not exceeding 150mm thick well compacted in foundation plinth pits etc including cost of all material labour tools for mixing, laying complete as	Cum	39.69	5449.68	217387.7352	39.69	5400.00	214306.0	38.59	5400.00	208368.45	0.00	0.00	0.00	38.59	208368.45		7037.55

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		Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
Providing and Laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320Kgs with 20mm and down size graded granite metal course aggregate @ 0.878cum and fine aggregate @ 0.459cum, with superplastisiser @ 3ltr confirming to IS 9103-1999 Reaffirming 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground level for roof slab, stairecase, lintels, retaining wall , return wall, wall (any thickness) including attahed plasters, column , piers, abutmentspilliers, posts, struts, buttresses, string or laceing courses, parapets, coping, bed blocks, anchor hooks plain window cill, fillets, etc., including cost of all materials, Labours, HOM of Machineries,	Cum	38.23	6718.68	256855.1364	38.23	6700.00	256141.0	30.81	6700.00	206452.13	0.00	0.00	0.00	30.81	206452.13		49688.87
4 Filling Available excavated earth(excluding rock) inside cum of foundation upto plinth in layers not exceeding 20cm in depth compacting each deposited layer by ramming after watering with lead upto 50mtr and lift upto 1.5mtr including cost of all labour etc complete as per specification specification No. KBS 2.9(Item No.2.10 Page No.6) SR 2016-17	Cum	50.99	137.18	6994.8082	50.99	130.00	6628.7	63.74	130.00	8285.88	116.79	135.76	15855.75	180.53	24141.62	17512.92	

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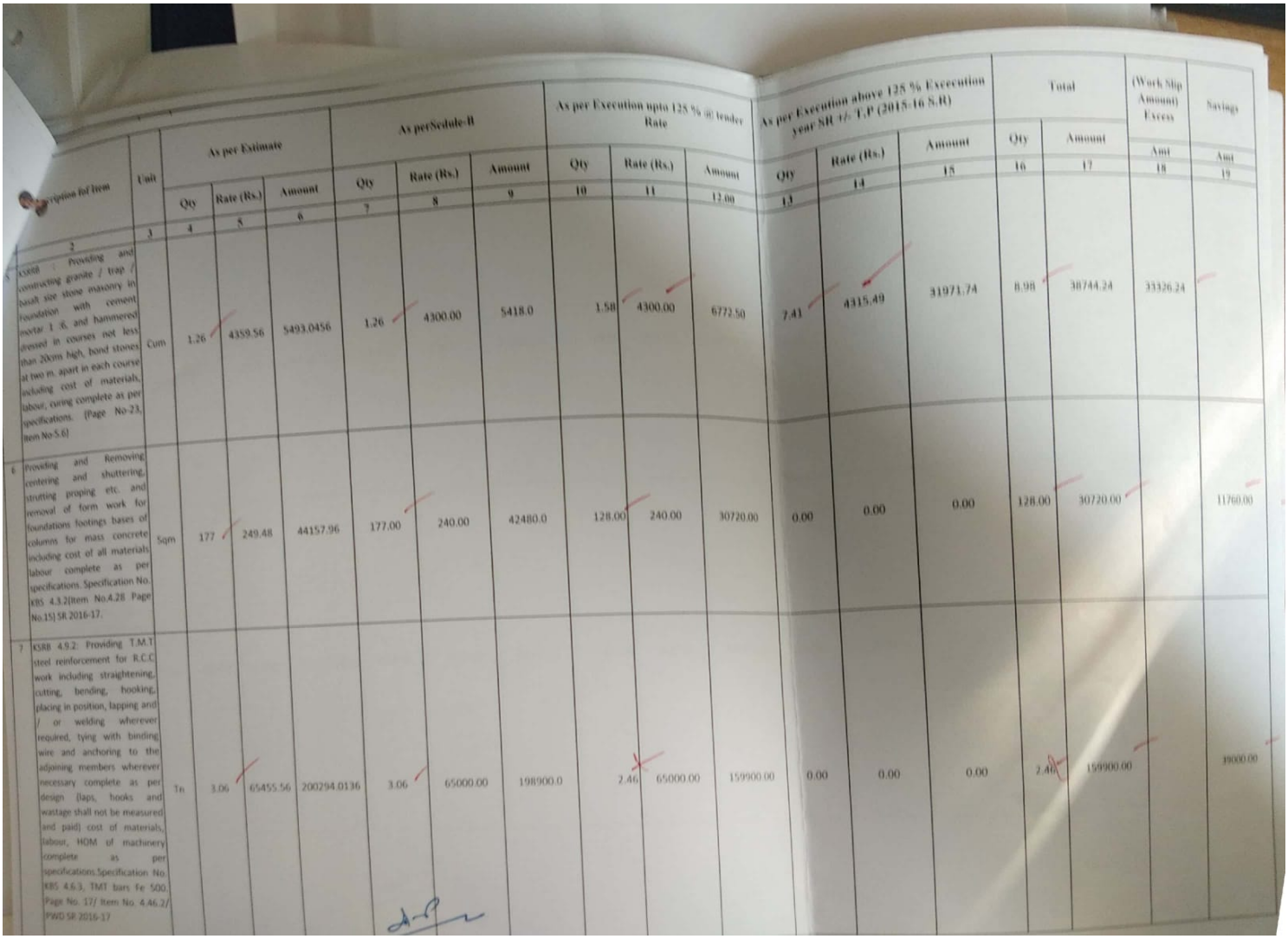

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2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
KSRB Providing and constructing granite / trap / basalt size stone masonry in Foundation with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Page No-23, Item No-5.6)	Cum	1.26	4359.56	5493.0456	1.26	4300.00	5418.0	1.58	4300.00	6772.50	7.41	4315.49	31971.74	8.98	38744.24	33326.24	
Proveding and Removing centering and shuttering, strutting proping etc. and removal of form work for foundations footings bases of columns for mass concrete including cost of all materials labour complete as per specifications. Specification No. KBS 4.3.2(Item No.4.28 Page No.15) SR 2016-17.	Sqm	177	249.48	44157.96	177.00	240.00	42480.0	128.00	240.00	30720.00	0.00	0.00	0.00	128.00	30720.00		11760.00
KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17	Tn	3.06	65455.56	200294.0136	3.06	65000.00	198900.0	2.46	65000.00	159900.00	0.00	0.00	0.00	2.46	159900.00		39000.00

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			Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
	2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
8	Constuction of embackment with approved material gravel or murroum with all lift and leads transporting to sites spreeding grading to requried slope and gradient and compacting to meet reqimment of table 300.2 complete as per specification including cost of gravel or murroum watering charges and compaction by vibratory roller to 95% procters density MORTH Specification No.305(item No.19.60 Page No.148)SR 2016-17.	Cum	414.58	326.16	135219.4128	414.58	320.00	132665.6	98.66	320.00	31570.56	0.00	0.00	0.00	98.66	31570.56		101095.04
9	Providing and laying flooring using pre polished water cut gangsaw 19mm thick granite laid with a bed of 20mm thick 1:4 cum and jointed with neat cement slurry mixed with pigment to match the shade of granite slabs including laying POP on finished surface and cleaning surface including the cost of all materials morter and labours etc. complete as per specification using silver gray granite/multi red/ ruby red/black/ hassan green granite slab of width not less than 1200mm. Item no.14.47.1 Page No.107. SR 2016-17.	Sqm	140.08	2828.52	396219.0816	140.08	2820.00	395025.6	147.86	2820.00	416970.84	0.00	0.00	0.00	147.86	416970.84		21945.24

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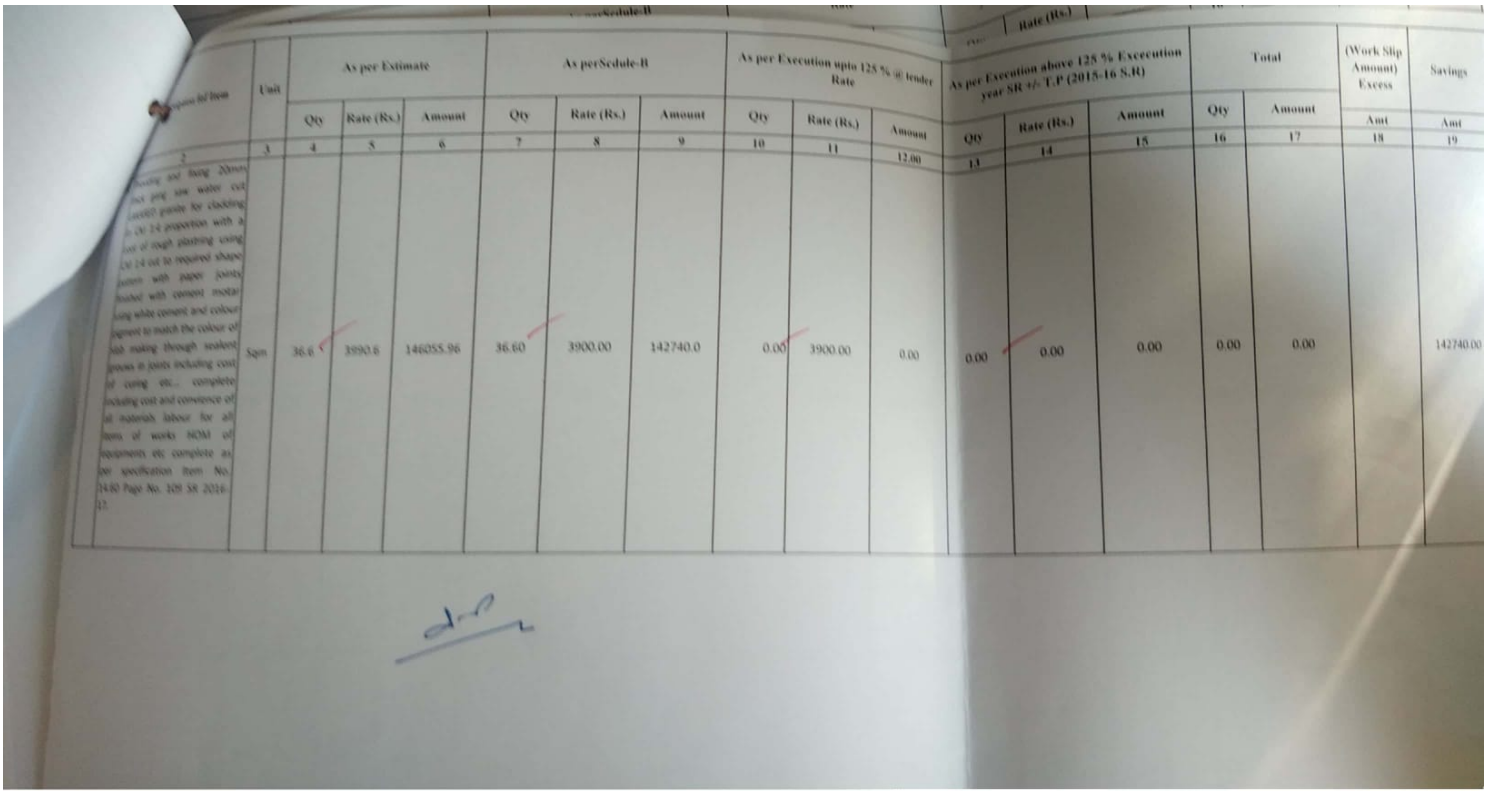

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	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
Sqm	36.6	3993.6	146055.96	36.60	3900.00	142740.0	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00		142740.00

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			Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
	2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
	providing and 304- grade stainless steel hand rails of 14-guage pipes for ramps staircase made out ofstainless steel hollow pipes,using 50mm dia for verticles @1.60 mtr c/c fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm guage for fixing of Verticle pipes 4- Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with verticle pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @equal intervals including cutting, welding,bending, wherever necessary with suitable caps @tops , bottoms & corners finishing with mat/shining ets., completeincluding cost and conveyance of all materials , labour for all items of	Sqm	44.4	6286.68	279128.592	44.40	6200.00	275280.0	36.55	6200.00	226610.00	0.00	0.00	0.00	36.55	226610.00		48670.00
12	Providing full nosing for 20mm thick granite slab using required machinary including cost and conveyance of all materials; labour for all items of works H O M of equipment etc; complete as per specification (I No-14.55 ; P-No 108 S R 2016-17)	Mtr	42.6	257.04	10949.904	42.60	240.00	10224.0	0.00	240.00	0.00	0.00	0.00	0.00	0.00	0.00		10224.00

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		Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level,	Sqm	113.49	984.96	111783.1104	113.49	980.00	111220.2	0.00	980.00	0.00	0.00	0.00	0.00	0.00	0.00		111220.20
Total				1851905.93			1832921.10			1346640.35			48571.27			83726.18	521435.67
							Execution Amount	1395123.42									
							Percentage Of Work Slip Amount	4.57									

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Sl. No	Description fof Item	Unit	As per Estimate			As perSedule-B			As per Execution upto 125 % @ tender Rate EIRL			As per Execution above 125 % Excecution year SR +/- T.P (2015-16 S.R)			Total		(Work Slip Amount) Excess	Savings
			Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Rate (Rs.)	Amount	Qty	Amount	Amt	Amt
1	2	3	4	5	6	7	8	9	10	11	12.00	13	14	15	16	17	18	19
	Extra Items																	
E1	Providing And Constructing Mantapa using Sadarahalli Granite stones of size of 0.40x0.40x2.3 measurment for four numbers pillers and four numbers of beams of size 0.20x0.30x2.75 mtr and with granite slab roof of 4.30mtrx3.00mtrx0.15thick including cost of all loading and unloading and the lead for bringing the stone to the worksspot including cost of all carving work dressing polishing and pinishing and insatalling at woork site etc.. complete	Nos										1.00	437441.07	437441.07			437441.07	521435.67
					1851905.93			1832832.90			1346640.35			486012.34			52,1167.25	

A	Total Schedule B Amount	1832832.90	
B	UP to 125% amount	1346640.35	
C	Above 125% amount(Including EIRL)	486012.34	
D	Total Excecution Cost	1832652.69	B+C
E	Work Slip Amount	83726.18	
F	% of Work Slip	4.57	(E/A)
G	EIRL Amount	437441.07	
H	% of EIRL	23.87	G/A
I	Total Savings Amount	180.21	A-D

Contractor

Assistant Engineer
Project Division Dasarahalli
hat Bangalore Mahanagara Pa

Asst. Excecutive Engineer
Project Division Dasarahalli
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Project Division Dasarahalli
Bruhat Bangalore Mahanagara Palike

EIRL & Worksp may be approved

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರವರ ಕಛೇರಿ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪ್ರಾಜೆಕ್ಟ್ ಡಿವಿಜನ್ ದಾಸರಹಳ್ಳಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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